

Title (en)  
DETERMINING METABOLIC PARAMETERS

Title (de)  
BESTIMMUNG VON STOFFWECHSELPARAMETERN

Title (fr)  
DÉTERMINATION DE PARAMÈTRES MÉTABOLIQUES

Publication  
**EP 3319517 A1 20180516 (EN)**

Application  
**EP 16735703 A 20160623**

Priority  
• US 201562190297 P 20150709  
• IB 2016053729 W 20160623

Abstract (en)  
[origin: WO2017006204A1] Methods and systems for monitoring metabolic parameters of humans and other animals in an enclosed or semi-enclosed space such as a room. In these embodiments, metabolic parameters like basal metabolic rate, energy expenditure, and body composition are derived from environmental measurements of carbon dioxide (CO<sub>2</sub>) production using context-aware processing algorithms. This information can be integrated in innovative coaching programs for weight management, fitness improvement, pregnancy management, and chronic disease management.

IPC 8 full level  
**A61B 5/00** (2006.01); **A61B 5/083** (2006.01); **G01J 5/00** (2006.01); **G01N 33/00** (2006.01)

CPC (source: EP US)  
**A61B 5/0833** (2013.01 - US); **A61B 5/0836** (2013.01 - EP US); **A61B 5/4866** (2013.01 - EP US); **A61B 2560/0242** (2013.01 - EP US)

Citation (search report)  
See references of WO 2017006204A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2017006204 A1 20170112**; CN 107835659 A 20180323; EP 3319517 A1 20180516; JP 2018525073 A 20180906;  
RU 2018104869 A 20190809; RU 2018104869 A3 20190821; US 2018192914 A1 20180712

DOCDB simple family (application)  
**IB 2016053729 W 20160623**; CN 201680040469 A 20160623; EP 16735703 A 20160623; JP 2018500378 A 20160623;  
RU 2018104869 A 20160623; US 201615741000 A 20160623